MOTOROLA
intelligence everywhere™

ENHANCE YOUR MTP700 PORTABLE RADIO
WITH A WIDE RANGE OF ACCESSORIES

MTP700 accessories

ENHANCE YOUR MTP700 PORTABLE RADIO WITH A WIDE RANGE OF ACCESSORIES

Professional users of portable radios have specific needs, requirements and working conditions within a highly demanding environment. Motorola provides complete two-way radio communication solutions with a wide selection of robust and reliable accessories: batteries and chargers, remote speaker microphones, earpieces, headsets and carry cases. This extensive portfolio of accessories allows professional users to further customise their MTP700 portable radio and satisfy their individual communications needs above and beyond those already incorporated in the standard package.

IMPRES™ SYSTEM

The new Intelligent Motorola Portable Radio Energy System consists of an IMPRES™ battery and an IMPRES™ charger. Together they provide an automated, intuitive, self-reliant and self-sufficient battery maintenance system.

Further significant advantages include:

- Maximum number of battery charge and discharge cycles
- No "memory effect"
- Maximises battery operating time between charges
- Batteries cover a wide range of duty cycles, from standard to extended shifts
- Precise prediction of "end of battery life"

IMPRES™ BATTERIES

Lithium Ion

- Approximatley 30% lighter and thinner than Nickel Metal Hydride batteries
- Environmentally friendly
- Operating temperature ranges: 0 to +45 ℃ (while charging battery) and -20 to +45 ℃ (while using radio)

Usage time per charge (assuming a 5/35/60 battery cycle):

PMNN4047: 1200 mAh Standard Battery (130 g): up to 16 hours

Nickel Metal Hydride

- FM approved model for intrinsically safe environments
- Operating temperature ranges: +5 to +45 ℃ (while charging battery) and -30 to +60 ℃ (while using radio)

Usage time per charge (assuming a 5/35/60 battery cycle):

PMNN4048: 1200 mAh Battery (200g): up to 16 hours

PMNN4049: 1150 mAh FM approved Battery (200 g): up to 15 hours

IMPRES™ SINGLE UNIT CHARGERS

(contain MTP700 battery adapter RLN5212)

WPLN4112 IMPRES™ Single Unit Charger, 110-230V, Euro plug.

WPLN4113 IMPRES™ Single Unit Charger, 110-230V, UK plug.

WPLN4117 IMPRES™ Single Unit Charger, 110-230V, US plug.

IMPRES™ MULTI UNIT CHARGERS

(contain MTP700 battery adapter RLN5212)

WPLN4109AR IMPRES™ Multi Unit Charger, 110-230V Euro plug.

WPLN4110AR IMPRES™ Multi Unit Charger, 110-230V UK plug.

WPLN4120AR IMPRES™ Multi Unit Charger, 110-230V US plug.

Motorola provides complete two-way radio communication solutions with a wide selection of robust and reliable accessories.

AUDIO ACCESSORIES

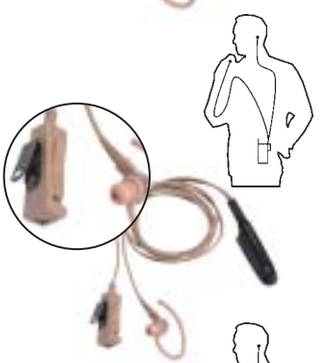
A range of audio accessories brings key portable radio functionalities directly to the user's ears and fingertips, simplifying radio communication and constantly keeping the professional user in touch with the rest of the team.

Enhanced Remote Speaker Microphone (RSM) with 3.5 mm jack

Robust omni-directional microphone with enhanced remote functionalities such as:

- Vibrating call alert
- Two programmable buttons
- Emergency button
- Push to Talk PTT
- Manual volume control

The microphone includes a 3.5 mm jack socket to allow for the connection of discreet earpieces. With the earpiece attached, Duplex Call answering (once programmed in radio) provides the end user with simultaneous voice transmission and reception. Without an earpiece, Duplex Call answering requires the use of the PTT on the radio or the microphone.



RMN5011 Enhanced RSM, short coiled cord -35 cm
RMN5012 Enhanced RSM, long coiled cord -70 cm

Remote Speaker Microphone with 3.5 mm jack

This noise-cancelling microphone is particularly suited to high noise environments. With coiled cord (approximately 35 cm), it is an economic and easy to use audio solution. The 3.5 mm jack socket allows for the connection of discreet earpieces.

RMN5013 Standard RSM, short coiled cord -35 cm

OPTIONAL ADD-ON ACCESSOIRES

Both the enhanced & stardard remote speaker microphones can be used with the following add-on accessories:

Receive-Only Earbud with 3.5 mm jack and coiled cord

Very light and discreet, the earbud is extremely comfortable. It can be worn for extended periods of time, ensuring constant and private radio message awareness without restricting head movements. Replaceable foam ear cushions are available.

AARLN4885 Receive-only earbud with 3.5 mm jack

MTP700

SURVEILLANCE EARPIECES

Comes in 1, 2 or 3-wire design, these surveillance earpieces provide various listening & transmission capabilities for the users.

1-Wire Receive Only Earpiece

Small and discreet. Particularly good when transmission is occasional and permanent radio message awareness is needed. Ideal for public facing roles within the community and hands free communications.

AZRMN4021 1-wire, beige
AZRMN4028 1-wire, black

2-Wire Earpiece with Combined Microphone and PTT

The earpiece, small and unobtrusive, provides permanent radio message awareness. The combined microphone/PTT can be concealed about the person e.g. under a lapel, making it ideal for discreet and comfortable radio communication.

AZRMN4022 2-wire, beige
AZRMN4029 2-wire, black

3-Wire Earpiece with Separate Microphone and PTT

Ideal when radio communication requires added covertness. PTT button fits easily in the palm of the hand while the clip-on microphone can be discreetly and securely attached inside a collar. The comfortable earpiece is best suited to private listening in quiet environments.

ENMN4017 3-wire, beige
ENMN4014 3-wire, black

OPTIONAL ADD-ON SURVEILLANCE ACCESSORIES

For extra covertness & comfort, the noise kits with transparent coil tube are ideal for noisy environment, crowd control & VIP protection. Choose also from earshell design which provide secure fitting around the ear in high activity operation. Use with earpiece: AZRMN4021/4028, AZRMN4022/4029 and ENMN4014/4017.

NTN8370 Noise kit, high noise
NTN8371 Noise kit, low noise

WADN4223 earshell, large size
WADN4224 earshell, small size

HEADSET

Lightweight Headset with Boom Microphone and In-line PTT

This light and comfortable headset has an adjustable headband and padded earpiece. The reversible boom microphone means it can be used on either ear while the single earpiece allows permanent non-radio communication awareness. It supports Duplex Call answering once programmed in the radio.

RMN5014 Lightweight Headset with Boom Microphone & In-line PTT

Breeze Headset with Boom Microphone and In-line PTT

This stylish headset, with its innovative flexible behind-the-head design, can be worn under a helmet. Light and discreet, it supports Duplex Call answering once programmed in the radio. The adjustable boom microphone ensures unobtrusive two-way radio communication.

ENMN4012 Breeze Headset with Boom Microphone & In-line PTT

ANTENNAS

These antennas provide clear and reliable communication for all MTP700 portable radio users.

FAE6000 380-400 MHz, 10cm, helical
FAE5520 380-400 MHz, 16cm, whip
NAE6546 403-435 MHz, 9cm, Stubby
NAE6549 403-520 MHz, 15cm, Whip
NAF5037 806-870 MHz, 18cm, Whip
NAF5042 806-941 MHz, 10cm, Stubby

CARRY ACCESSORIES

A range of carry solutions allows the MTP700 portable radio to be used hands free and safely in the work place.

Hard Leather Case with swivel 3" belt loop

Widely used and popular, this carry case with swivel allows quick and easy release for access to the radio's keypad and screen. Made from the highest quality leather, it is robust, offering added protection for the radio.

PMLN4474 Hard Leather Case with swivel 3" belt loop

Soft Leather Case

Cellular-style carry case, it is very light and provides good protection and direct access to the radio's screen and keypad. Requires the use of the belt clip HLN9714.

PMLN4475 Soft Leather Case

OPTIONAL CARRYING SOLUTION

HLN9714 Belt clip, 3" (attaches to battery)
NTN5243 Shoulder strap (use with PMLN4474)
HLN9767 Wrist strap (use with PMLN4474 or radio directly)

DATA CABLE & SERVICE AIDS

Required for the programming and customisation of the MTP700 portable radios.

RS232 Data cable

Connects directly to the MTP700 portable radio. Use with Customer Programming Software package (CPS) and for data transfer.

PMLN4504 Data cable
PMLN4510 Programming Stand (use with FLN9636 Cable)
FLN9636 Programming Cable
0180305J49 Battery Eliminator
5880384G68 Adaptor (SMA to BNC)
6686263201 MTP700 Housing Opener

accessories

PART NO.	DESCRIPTION
BATTERIES	
PMNN4047_R	1200 mAh, 7.2V, Li-Ion, Std. w/Box
PMNN4048_R	1200 mAh, 7.2V, NiMH w/Box
PMNN4049_R	1150 mAh, 7.2V, NiMH - FM w/Box
CHARGERS*	
WPLN4112_R	Impres Single Charger 110-230V EU 2 Pin Cord
WPLN4113_R	Impres Single Charger 110-230V UK 3 Pin Cord
WPLN4117_R	Impres Single Charger 110-230V US 2 Pin Cord
WPLN4109_R	Impres Multi Charger 110-230V EU 2 Pin Cord
WPLN4110_R	Impres Multi Charger 110-230V UK 3 Pin Cord
WPLN4120_R	Impres Multi Charger 110-230V UK 3 Pin Cord
RLN5212	MTP700 Battery Insert (Replacement Kit)
AUDIO ACCESSORIES	
REMOTE SPEAKER MICROPHONE / ADD-ON	
RMN5013	Remote Speaker Mic, Noise Cancelling
AARLN4885	Receive-only Foam Earbud with 3.5mm Plug
RMN5011	Enhanced RSM w/35cm Coil Cord
RMN5012	Enhanced RSM w/75cm Coil Cord
RLN5258	Shart Coil Cord, Replacement Kit
RLN5259	Long Coil Cord, Replacement Kit
HEADSET	
RMN5014	Light Weight Headset w/sw Boom Mic & PTT
ENMN4012	Ultra-Light Behind the Head Headset with in-line PPT
SURVEILLANCE KITS / ADD-ON	
AZRMN4021	1-Wire Surveillance RX Earpiece (Beige)
AZRMN4028	1-Wire Surveillance Rx Earpiece (Black)
AZRMN4022	2-Wire Surveillance Earpiece with Combine MIC/PTT (Beige)
AZRMN4029	2-Wire Surveillance Earpiece with Combine MIC/PTT (Black)
ENMN4017	3-Wire Surveillance Kit (Beige)
ENMN4014	3-Wire Surveillance Kit (Black)
NTN8370	Extreme Noise Kit, Acoustic Tube
NTN8371	Low Noise Kit, Acoustic Tube
WADN4223	Earshell Large w/Grommet Insert
WADN4224	Earshell Small w/Grommet Insert
ANTENNA	
NAE6546	403-435 MHz, 9cm, Stubby
NAE6549_R	403-520 MHz, 15cm, Whip
NAF5037	806-870 MHz, 18cm, Whip
NAF5042_R	806-941 MHz, 10cm, Stubby
FAE5520	380-400 MHz, 15cm, Whip
FAE6000	380-400 MHz, 10cm, Helical
CARRING ACCESSORIES	
HLN9714	Spring Action Belt Clip, 3 inch
HLN9767	Wrist Strap (Use with PMLN4474 or Radio Directly)
NTN5243	Carry Case Shoulder Strap (Use with PMLN4474)
PMLN4474	Hard Leather Case w/Swivel, 3 Swivel Belt Loop
PMLN4475	Sofe Leather Case, “Cellular” Style
DATA CABLE & SERVICE AIDS	
PMLN4504	Data Cable
PMLN4510	Programming Stand (Use with FLN9636 Cable)
FLN9636	Programming Cable
0180305J49	Battery Eliminator
5880384G68	Adaptor (SMA to BNC)
6686263201	MTP700 Housing Opener

*Charger comes with RLN5212 Battery Insert

Motorola's Intelligence Everywhere offers the professional user remote access to key radio functionalities: the accessories you need, where you want.

All Motorola original accessories and radios are designed, built and tested to operate to the highest performance specifications guaranteeing durability and reliability.

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